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JUNE 18 1999

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PENNIE & EDMONDS LLP
LAURA A. CORUZZI
1155 AVENUE OF THE AMERICAS
NEW YORK, NY 10036



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9710-004

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

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PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 04/06/1999

REEL/FRAME: 9873/0972
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
HOISETH, SUSAN K

DOC DATE: 03/19/1999

ASSIGNOR:
ZAGURSKY, ROBERT J.

DOC DATE: 03/19/1999

ASSIGNOR:
METCALF, BENJAMIN J.

DOC DATE: 03/19/1999

ASSIGNOR:
PEEK, JOEL A.

DOC DATE: 03/22/1999

ASSIGNOR:
SANKARAN, BANUMATHI

DOC DATE: 03/22/1999

ASSIGNOR:
FLETCHER, LEAH D.

DOC DATE: 03/19/1999

RECEIVED
MAR 21 2001
TECH CENTER
1600 42900

REFERRED TO <u>J. Chhe do</u> REC'D
JUN 30 1999
Pennie & Edmonds O.K. for filing

ASSIGNEE:

GENSET SA
24 RUE ROYALE
75008 PARIS, FRANCE

SERIAL NUMBER: 09201228
PATENT NUMBER:

FILING DATE: 11/30/1998
ISSUE DATE:

MAYA BENNETT, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

ASSIGNMENT

JOINT

WHEREAS, WE, Remy Griffais, Susan K. Hoiseth, Robert J. Zagursky, Benjamin J. Metcalf, Joel A. Peek, Banumathi Sankaran, and Leah D. Fletcher, ASSIGNORS, residing at 51 Boulevard Romain, Rolland 92120, Morntrouge, France; 3 Vineyard Hill, Fairport, N.Y. 14450; 569 Fox Hunt Drive, Victor, N.Y. 14564; 15 Rensselaer Drive, Rochester, N.Y. 14618; 156 Railroad Mills Road, Pittsford, N.Y. 14534; 62 Pennicott Circle, Penfield, N.Y. 14526; and 25 Elm Street, Genesee, N.Y. 14454, U.S.A., respectively, are the inventors of the invention in CHLAMYDIA TRACHOMATIS GENOMIC SEQUENCE AND POLYPEPTIDES, FRAGMENTS THEREOF AND USES THEREOF, IN PARTICULAR FOR THE DIAGNOSIS, PREVENTION AND TREATMENT OF INFECTION for which we have executed an application for a Patent of the United States

☒ which is identified by Pennie & Edmonds LLP docket no. 9710-004-999

☒ which was filed on November 30, 1998, Serial No. 09/201,228 (the undersigned hereby authorize and request the attorneys of record in said application to insert in this assignment the execution date and/or filing date and serial number of said application when officially known); and

WHEREAS, Genset SA, 24 Rue Royale, 75008 Paris, France, ASSIGNEE, is desirous of obtaining our entire right, title and interest in, to and under the said invention and the said application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said ASSIGNORS, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, our entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

AND WE HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.

AND WE HEREBY further covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

IN TESTIMONY WHEREOF, We hereunto set our hands and seals the day and year set opposite our respective signatures.

Date 03/31, 1999 Remy Griffais L.S.

State of)
County of) SS.:

On this 31 day of March, 1999, before me, a Notary Public in and for the State and County aforesaid, personally appeared Remy Griffais, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he acknowledged the same to be his free act and deed.

Date _____, 1999 _____ L.S.,
Notary Public.

Je soussigné M^r Hervé POMMERY
Notaire à Paris
Certifie matériellement
la signature de
Monsieur Remy GRIFFAIS
Apposée sur le présent document

Date _____, 1999 _____ L.S.

Susan K. Hoiseth

State of _____)
County of _____ } SS.:

On this ____ day of _____, 1999, before me, a Notary Public in and for the State and County aforesaid, personally appeared Susan K. Hoiseth, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he acknowledged the same to be his free act and deed.

Date _____, 1999 _____ L.S.,
Notary Public

Date _____, 1999 _____ L.S.

Robert J. Zagursky

State of _____)
County of _____ } SS.:

On this ____ day of _____, 1999, before me, a Notary Public in and for the State and County aforesaid, personally appeared Robert J. Zagursky, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he acknowledged the same to be his free act and deed.

Date _____, 1999 _____ L.S.,
Notary Public Notary Public

Date _____, 1999 _____ L.S.

Benjamin J. Metcalf

State of _____)
County of _____ } SS.:

On this ____ day of _____, 1999, before me, a Notary Public in and for the State and County aforesaid, personally appeared Benjamin J. Metcalf, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he acknowledged the same to be his free act and deed.

Date _____, 1999 _____ L.S.,
Notary Public Notary Public

Date _____, 1999 _____ L.S.

Joel A. Peek

State of _____)
County of _____ } SS.:

On this ____ day of _____, 1999, before me, a Notary Public in and for the State and County aforesaid, personally appeared Joel A. Peek, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he acknowledged the same to be his free act and deed.

Date _____, 1999 _____ L.S.,
Notary Public Notary Public

Date _____, 1999 _____ L.S.

Banumathi Sankaran

State of _____)
County of _____ } SS.:

On this ____ day of _____, 1999, before me, a Notary Public in and for the State and County aforesaid, personally appeared Banumathi Sankaran, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he acknowledged the same to be his free act and deed.

Date _____, 1999 _____ L.S.,
Notary Public Notary Public

ASSIGNMENT

WHEREAS, WE, Remy Griffais, Susan K. Hoiseth, Robert J. Zagursky, Benjamin J. Metcalf, Joel A. Peek, Banumathi Sankaran, and Leah D. Fletcher, ASSIGNORS, residing at 51 Boulevard Romain, Rolland 92120, Mombrouge, France; 3 Vineyard Hill, Fairport, N.Y. 14450; 569 Fox Hunt Drive, Victor, N.Y. 14564; 15 Rensselaer Drive, Rochester, N.Y. 14618; 156 Railroad Mills Road, Pittsford, N.Y. 14534; 62 Pennicott Circle, Penfield, N.Y. 14526; and 25 Elm Street, Genesee, N.Y. 14454, U.S.A., respectively, are the inventors of the invention in **CHLAMYDIA TRACHOMATIS GENOMIC SEQUENCE AND POLYPEPTIDES, FRAGMENTS THEREOF AND USES THEREOF, IN PARTICULAR FOR THE DIAGNOSIS, PREVENTION AND TREATMENT OF INFECTION** for which we have executed an application for a Patent of the United States

☒ which is identified by Pennie & Edmonds LLP docket no. 9710-004-999

☒ which was filed on November 30, 1998, Serial No. 09/201,228 (the undersigned hereby authorize and request the attorneys of record in said application to insert in this assignment the execution date and/or filing date and serial number of said application when officially known); and

WHEREAS, Genset SA, 24 Rue Royale, 75008 Paris, France, ASSIGNEE, is desirous of obtaining our entire right, title and interest in, to and under the said invention and the said application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said ASSIGNORS, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, our entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

AND WE HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.

AND WE HEREBY further covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

IN TESTIMONY WHEREOF, We hereunto set our hands and seals the day and year set opposite our respective signatures.

Date _____, 1999 _____ L.S.
Remy Griffais

State of _____)
County of _____) SS.:

On this _____ day of _____, 1999, before me, a Notary Public in and for the State and County aforesaid, personally appeared Remy Griffais, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he acknowledged the same to be his free act and deed.

Date _____, 1999 _____ L.S.,
Notary Public.

Date March 19, 1999

Susan K. Hoiseth
Susan K. Hoiseth

L.S.

State of NY

County of Monroe } SS.:

On this 19 day of March, 1999, before me, a Notary Public in and for the State and County aforesaid, personally appeared Susan K. Hoiseth, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he acknowledged the same to be his free act and deed.

Date 3/19, 1999

Cathy A. Irish

CATHY A. IRISH
Notary Public, State of New York
Qualified in Wyoming County
Commission Expires Nov. 30, 1999 L.S.,
Notary Public

Date 3/19, 1999

Robert J. Zagursky
Robert J. Zagursky

L.S.

State of NY

County of Monroe } SS.:

On this 19 day of March, 1999, before me, a Notary Public in and for the State and County aforesaid, personally appeared Robert J. Zagursky, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he acknowledged the same to be his free act and deed.

Date 3/19, 1999

Notary Public

Cathy A. Irish

CATHY A. IRISH
Notary Public, State of New York
Qualified in Wyoming County
Commission Expires Nov. 30, 1999 L.S.,
Notary Public

Date 3/19, 1999

Benjamin J. Metcalf
Benjamin J. Metcalf

L.S.

State of NY

County of Monroe } SS.:

On this 19 day of March, 1999, before me, a Notary Public in and for the State and County aforesaid, personally appeared Benjamin J. Metcalf, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he acknowledged the same to be his free act and deed.

Date 3/19, 1999

Notary Public

Cathy A. Irish

CATHY A. IRISH
Notary Public, State of New York
Qualified in Wyoming County
Commission Expires Nov. 30, 1999 L.S.,
Notary Public

Date 3-22, 1999

Joel A. Peek
Joel A. Peek

L.S.

State of NY

County of Monroe } SS.:

On this 22 day of March, 1999, before me, a Notary Public in and for the State and County aforesaid, personally appeared Joel A. Peek, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he acknowledged the same to be his free act and deed.

Date 3/22, 1999

Notary Public

Cathy A. Irish

CATHY A. IRISH
Notary Public, State of New York
Qualified in Wyoming County
Commission Expires Nov. 30, 1999 L.S.,
Notary Public

Date 3/22, 1999

S. Banumathi
Banumathi Sankaran

L.S.

State of NY

County of Monroe } SS.:

On this 22 day of March, 1999, before me, a Notary Public in and for the State and County aforesaid, personally appeared Banumathi Sankaran, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he acknowledged the same to be his free act and deed.

Date 3/22, 1999

Notary Public

Cathy A. Irish

CATHY A. IRISH
Notary Public, State of New York
Qualified in Wyoming County
Commission Expires Nov. 30, 1999 L.S.,
Notary Public

L.S.,
Notary Public

Date March 19, 1999 Leah D. Fletcher : L.S.
Leah D. Fletcher

State of NY)
County of Monroe } SS.:

On this 19 day of March, 1999, before me, a Notary Public in and for the State and County aforesaid, personally appeared Leah D. Fletcher, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he acknowledged the same to be his free act and deed.

Date 3/19, 1999 Cathy A. Irish : L.S.,
Notary Public

CATHY A. IRISH Notary Public.
Notary Public, State of New York
Qualified in Wyoming County
Commission Expires Nov. 30, 1999